

Section 368 Centerline (Developable Area)



Tags

Energy corridor, Electrical transmission, Pipeline,
Section 368, Energy Policy Act

Summary

This layer depicts the Energy Policy Act of 2005, Section 368 energy corridor centerlines that were designated on federal lands in the Western 11 states. Additional attributes were added to allow for analysis and map products.

Description

This layer depicts lines which have been designated (per the requirements of Section 368 of the Energy Policy Act of 2005) as West-wide energy corridor centerlines in Bureau of Land Management and U.S. Forest Service Records of Decision in connection with the final Programmatic Environmental Impact Statement, Designation of Energy Corridors on Federal Land in the 11 Western States, November 2008. The layer was intersected with surface management agency, BLM field office, and state layers to add more tabular attributes.

Credits

Produced by Argonne National Laboratory and federal agencies in support of the West-wide Energy Corridors project.

Use limitations

These data have been created by UChicago Argonne, LLC, Operator of Argonne National Laboratory ("Argonne"). Argonne, a U.S. Department of Energy Office of Science laboratory, is operated under Contract No. DE-AC02-06CH11357. The U.S. Government retains for itself, and others acting on its behalf, a paid-up nonexclusive, irrevocable worldwide license in said article to reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, by or on behalf of the Government.

ArcGIS Metadata

Topics and Keywords

THEMES OR CATEGORIES OF THE RESOURCE planningCadastre, utilitiesCommunication

* **CONTENT TYPE** Downloadable Data

PLACE KEYWORDS Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming

THEME KEYWORDS energy corridor, electrical transmission, pipeline, Energy Policy Act, Section 368

Citation

* **TITLE** developable_area_section368_centerline_eis

ALTERNATE TITLES West-wide Energy Corridors designated by BLM and USFS Records of Decision as mandated by the Energy Policy Act of 2005, Section 368

CREATION DATE 2008-11-01
PUBLICATION DATE 2008-11-01
REVISION DATE 2008-11-01

EDITION DATE 2008-11-01

PRESENTATION FORMATS digital map

Citation Contacts

RESPONSIBLE PARTY

ORGANIZATION'S NAME Environmental Science Division, Argonne National Laboratory
CONTACT'S ROLE point of contact

CONTACT INFORMATION

PHONE

VOICE 630-252-6206

ADDRES

S

E-MAIL ADDRESS jkuiper@anl.gov

Resource Details

DATASET LANGUAGES English ()

DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

SPATIAL REPRESENTATION TYPE vector

* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; ESRI
ArcGIS 10.0.4.4000

CREDITS

Produced by Argonne National Laboratory and federal agencies in support of the West-wide Energy
Corridors project.

ARCGIS ITEM PROPERTIES

- * NAME developable_area_section368_centerline_eis
- * LOCATION
- * ACCESS PROTOCOL Local Area Network

Extents

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -123.588621

* EAST LONGITUDE -103.146703

* NORTH LATITUDE

47.812942

* SOUTH LATITUDE

31.358885

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE -

13757822.366700

* EAST LONGITUDE -

11482238.496700

* SOUTH LATITUDE

3679445.394100

- * NORTH LATITUDE
6075791.283800
- * EXTENT CONTAINS THE RESOURCE Yes

Resource Points of Contact

POINT OF CONTACT

ORGANIZATION'S NAME Environmental Science Division, Argonne National Laboratory

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Resource Maintenance

RESOURCE MAINTENANCE

UPDATE FREQUENCY not planned

Resource Constraints

CONSTRAINTS

LIMITATIONS OF USE

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Spatial Reference

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_WGS_1984
- * PROJECTION WGS_1984_Web_Mercator_Auxiliary_Sphere

* COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 3857

X ORIGIN -20037700

Y ORIGIN -30241100

XY SCALE 10000

Z ORIGIN -100000
 Z SCALE 10000
 M ORIGIN -
 100000
 M SCALE 10000
 XY TOLERANCE 0.001
 Z TOLERANCE 0.001
 M TOLERANCE 0.001
 HIGH PRECISION true
 WELL-KNOWN TEXT
 PROJCS["WGS_1984_Web_Mercator_Auxiliary_Sphere",GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Mercator_Auxiliary_Sphere"],PARAMETER["False_Easting",0.0],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",0.0],PARAMETER["Standard_Parallel_1",0.0],PARAMETER["Auxiliary_Sphere_Type",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",3857]]

REFERENCE SYSTEM IDENTIFIER

VALUE 102039
 * CODESPACE
 EPSG
 * VERSION
 7.4.1

Spatial Data Properties

VECTOR

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME developable_area_section368_centerline_eis
 * OBJECT TYPE composite
 * OBJECT COUNT 1614

ARCGIS FEATURE CLASS PROPERTIES

* FEATURE TYPE Simple
 * GEOMETRY TYPE
 Polyline
 * HAS TOPOLOGY FALSE
 * FEATURE COUNT 1614
 * SPATIAL INDEX TRUE
 * LINEAR REFERENCING FALSE

Lineage

LINEAGE STATEMENT

This layer was compiled from many sources, and is based on a set of centerline connections between energy supply and demand areas. Lines in the layer were made by: 1) Integrating lines received from a project participant, 2) Integrating lines from other GIS layers with features desired to be corridor centerlines (such as a road or existing transmission line), 3) Using GIS processing to generate lines a desired distance from particular features, 4) Combining or editing the above to avoid protected lands and to correct topology issues, and/or 5) truncating or removing portions of lines found to occur on non-federal land.

To add attributes needed for analysis, the sec368centerline layer was intersected with sec368zone_atts. In the output layer the corridor centerlines were then split at each location the agency, field office, or state changed.

This layer is a compilation of many sources from many offices in several federal agencies.

Inquiries should be directed to the federal land management agency or agencies with jurisdiction over the lands in the area of interest.

Distribution

DISTRIBUTOR AVAILABLE FORMAT

- * NAME Personal GeoDatabase Feature Class

TRANSFER OPTIONS ONLINE SOURCE

- * LOCATION
- * ACCESS PROTOCOL Local Area Network
- * DESCRIPTION Downloadable Data

DISTRIBUTION FORMAT

- * NAME File Geodatabase Feature Class

Fields

DETAILS FOR OBJECT `developable_area_section368_centerline_eis`

- * TYPE Feature Class

- * ROW COUNT
1614

FIELD OBJECTID_1

- * ALIAS OBJECTID_1
- * DATA TYPE OID
- * WIDTH 4
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Internal feature number.

- * DESCRIPTION SOURCE
ESRI

- * DESCRIPTION OF VALUES Sequential unique whole numbers that are automatically generated.

FIELD OBJECTID

- * ALIAS OBJECTID
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Internal feature number.

- * DESCRIPTION SOURCE
ESRI

- * DESCRIPTION OF VALUES Sequential unique whole numbers that are automatically generated.

FIELD Shape

- * ALIAS Shape
- * DATA TYPE Geometry

- * WIDTH 0
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Feature geometry.
- * DESCRIPTION SOURCE
ESRI
- * DESCRIPTION OF VALUES Coordinates defining the features.

FIELD
LineName

- * ALIAS LineName
- * DATA TYPE String
- * WIDTH 254
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Corridor name, based on numbered nodes at each endpoint.

FIELD
Comments

- * ALIAS Comments
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0

FIELD
Designated

- * ALIAS Designated
- * DATA TYPE String
- * WIDTH 10
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Indicates whether corridor was designated in a Federal Agency land use (or equivalent) plan with a Record of Decision, prior to the West-wide Energy Corridor PEIS.

FIELD DesigUse

- * ALIAS DesigUse
- * DATA TYPE String
- * WIDTH 20
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Indicates any restrictions to the compatible energy transport uses of the corridor.

FIELD PolyName

- * ALIAS PolyName
- * DATA TYPE String
- * WIDTH 20
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Corridor number of area underneath centerline. Occasionally differs from LineName.

FIELD
WidthFeet

- * ALIAS WidthFeet
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Total width of corridor in feet. -1 indicates that the width is variable.

FIELD

sma_code

- * ALIAS sma_code
- * DATA TYPE String
- * WIDTH 10
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Surface management agency abbreviation

FIELD

sma_name

- * ALIAS sma_name
- * DATA TYPE String
- * WIDTH 100
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Surface management agency name of federal land overlapped by corridor.

FIELD label1

- * ALIAS label1
- * DATA TYPE String
- * WIDTH 100
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Label for federal land area overlapped by the corridor.

FIELD label2

- * ALIAS label2
- * DATA TYPE String
- * WIDTH 100
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Second label for the federal land area overlapped by the corridor.

FIELD

STATEOFFIC

- * ALIAS STATEOFFIC
- * DATA TYPE String
- * WIDTH 30
- * PRECISION 0
- * SCALE 0

FIELD District

- * ALIAS District
- * DATA TYPE String
- * WIDTH 30
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Name of the BLM district office overlapped by the corridor.

FIELD Field_Off

- * ALIAS Field_Off
- * DATA TYPE String
- * WIDTH 30
- * PRECISION 0
- * SCALE 0

FIELD
Sub_Office

- * ALIAS Sub_Office
- * DATA TYPE String
- * WIDTH 30
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Name of the BLM sub-field office (if any) overlapped by the corridor.

- FIELD
STATE_NAME
- * ALIAS STATE_NAME
 - * DATA TYPE String
 - * WIDTH 25
 - * PRECISION 0
 - * SCALE 0

FIELD DESCRIPTION

U.S. State name overlapped by the corridor.

- FIELD
STATE_FIPS
- * ALIAS STATE_FIPS
 - * DATA TYPE String
 - * WIDTH 2
 - * PRECISION 0
 - * SCALE 0

FIELD DESCRIPTION

FIPS code for the U.S. State overlapped by the corridor.

- FIELD
SUB_REGION
- * ALIAS SUB_REGION
 - * DATA TYPE String
 - * WIDTH 7
 - * PRECISION 0
 - * SCALE 0

FIELD DESCRIPTION

U.S. sub region of the state overlapped by the corridor.

- FIELD
STATE_ABBR
- * ALIAS STATE_ABBR
 - * DATA TYPE String
 - * WIDTH 2
 - * PRECISION 0
 - * SCALE 0

FIELD DESCRIPTION

Abbreviation for the U.S. state overlapped by the corridor.

- FIELD
Shape_Length

- * ALIAS Shape_Length
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Length of feature in internal units.
- * DESCRIPTION SOURCE
ESRI
- * DESCRIPTION OF VALUES Positive real numbers that are automatically generated.

Metadata Details

METADATA LANGUAGE English (UNITED STATES)
METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset
SCOPE NAME * dataset

* LAST UPDATE 2012-05-25

ARCGIS METADATA PROPERTIES
METADATA FORMAT ArcGIS 1.0
METADATA STYLE FGDC CSDGM Metadata
STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS 2011-12-27 17:01:30
LAST MODIFIED IN ARCGIS 2012-05-25 10:58:45

AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2012-05-25
10:58:32

Metadata Maintenance

MAINTENANCE
UPDATE FREQUENCY
not planned

Thumbnail and Enclosures

THUMBNAIL
THUMBNAIL TYPE JPG